Powered by:







Starting your company's ESG journey can often be challenging. We help companies begin their ESG Journey by focusing on what is impactful. Our workshop helps you calculate your organisational carbon emission on the spot and generate a verified report under ISO 14064-1 that is recognised globally. You will also receive an Assurance Statement which you can share with your clients to prove that your carbon emission report is accurate. Begin your ESG journey now and grow your business.

Generate an ISO 14064-1 certified carbon emission report Calculate your entire organisation's carbon emissions via carbon accounting apps Comply with CBAM (EU ESG Regulations) Receive Assurance Statement to promote your company

### For more information, contact us at

#### MY CO2 Certification Sdn Bhd

16, Lengkok Kikik 1, Taman Inderawasih, 13600 Perai, Penang, Malaysia 40, Jalan Sepadu B25/B, 40400 Shah Alam, Selangor, Malaysia 15, Jalan Molek 1/8, Taman Molek, 81100 Johor Bahru, Johor, Malaysia

T: +604-380 8282	F: +604-380 8280
T: +603-5122 3366	F: +603-5122 3386
T: +607-355 8811	F: +607-355 9808

+6016-414 4850 (Rayner Woon) 🕓 +016-433 3850 (Goh Kee Kee)



## **OVERVIEW**

The ISO 14064-1 standard is part of the ISO 14064 series, which provides guidelines for quantifying and reporting Greenhouse Gas (GHG) Emissions and Removals. ISO 14064-1 specifically focuses on the principles and requirements for organizations to quantify and Organizations GHG emissions and removals. report their are increasingly required to report their Greenhouse Gas (GHG) Emissions and take action to reduce their Carbon Footprints. The European Union (EU) has introduced the Carbon Border Adjustment Mechanism (CBAM) regulation which entered into force on May 16, 2023. The CBAM aims to prevent carbon leakage by subjecting the import of certain groups of products from third [non-EU and non-European Free Trade Association EFTA)] countries to a carbon levy/tariff linked to the carbon price payable under the EU Emissions Trading System (ETS) when the same goods are produced within or outside the EU.

The CBAM is an environmental tax measure aimed at reducing the risk of carbon leakage and fulfilling the EU ambitions in the field of climate mitigation. It is based on a system of certificates covering the embedded emissions in imported products, so that importers must pay the same carbon price as domestic producers under the EU emission trade system (ETS). The reporting obligations in place during the transitional period, the full implementation of CBAM as from 2026 and the compliance burden imposed on importers. This course focuses on the ISO 14064-1 standards developed specifically to help organizations manage their Greenhouse Gas Emissions on the WHAT and HOW.

## CARBON ACCOUNTING WORKSHOP

## **COURSE OBJECTIVE**

Provide practical insights into implementing GHG Accounting and Reporting within an organization

Understand the Greenhouse Gas Emissions and their impact on Climate Change Participants will learn how to establish, implement, and maintain a GHG Inventory, ensuring Accuracy and Transparency in Reporting Emissions

Familiarize participants with the ISO 14064-1 standard and its importance

> Equip participants with the knowledge and skills to effectively quantify and report GHG Emissions and Removals in accordance with ISO 14064-1

Prepare participants for ISO 14064-1 Certification

## CARBON ACCOUNTING WORKSHOP

## **COURSE OUTLINE**

- Climate Change, Greenhouse Gases & their impacts
- Introduction & Objectives of ISO 14064 -1 (ISO 14064:2018)
- Terms & Definitions of ISO 14064 Series
- Principles of GHG Accounting
- GHG Inventory Boundaries
- Direct & Indirect GHG Emissions
- Quantification of GHG Emissions and Removals
- Mitigation Activities & GHG Inventory Quality Management
- GHG Reporting & Organization's role in verification activities
- Exercise

- Establishing the GHG Inventory
- Data Collection and Management
- Calculation and Reporting
- Case Studies and Practical Exercises
- Documentation and Records
- Verification and Validation
- Continuous Improvement

**DAY1** 

DAY 2

## CARBON ACCOUNTING WORKSHOP

### OUTCOME

After completed the course, the participants able to:

- Develop a GHG Inventory for an Organization
- Calculate and Report GHG Emissions and Removals for an Organization
- Implement Best Practices for Data Collection, Calculation, and Documentation of the GHG
- Identify opportunities for Emission Reduction and
- Management

0

 Ready for Certification or given the Assurance on the organisational level GHG Inventory

## FOR WHOM

- Top or Senior Management Representative, preparing to work around CBAM or addressing Customers' requirements and expectations.
- Environmental & Sustainability Managers, Officers and Specialists
- Anyone who are required to calculate, reduce, report and/or improve Organization's Greenhouse Gas Emissions

## METHODOLOGY

- Lecture, Case Studies, Quiz, Examples
- Group Exercises & Presentation
- Carbon accounting software

## INDUSTRY

- Production, Manufacturing facilities and Service Providers
- Exporting to US, EUROPE and International markets
- Public listed companies

## SPEAKER PROFILE



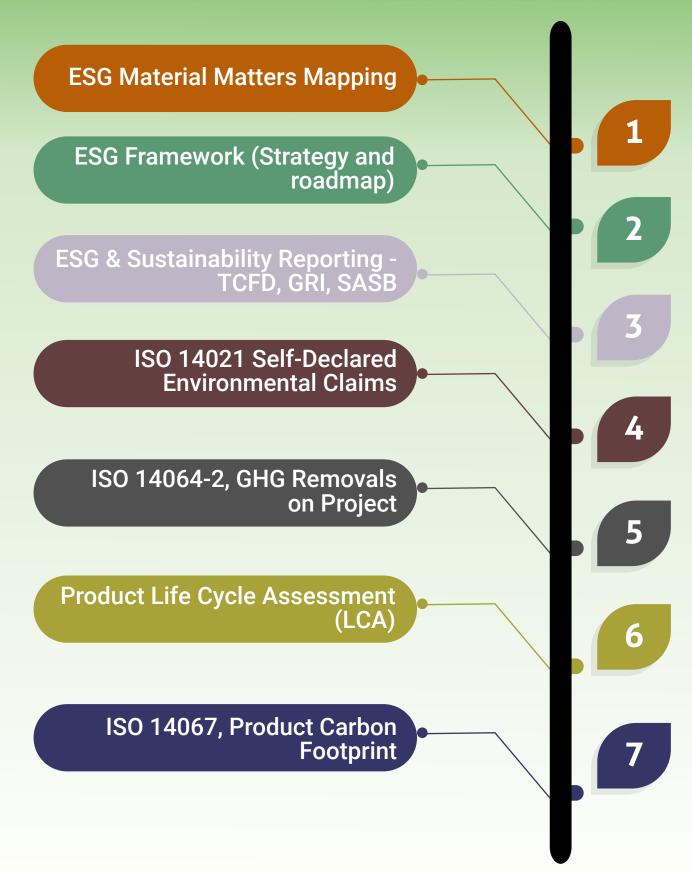
**United Nations** Global Compact

Dr. Louis Ooi is the CEO of **MY CO2 Group Sdn Bhd**, a wholly-owned subsidiary of LMS COMPLIANCE LTD (SGX: LMS). His leadership has been instrumental in the company's success – achieved 3 Enterprise 50 awards in 2013, 2016, and 2019 (co-organized by SME Corp and Deloitte). Dr. Louis has 26-year career - Property Development, Information Technology & Education. He served as a Corporate Figure and Trainer, develop countless of individuals and his passion for learning, doing, and teaching led him to delve into "Together We Are One," "Longevity Equation," "Total Excellent Organization," "ESG, Sustainability, and Climate Change", "Digital transformation, and "Laboratory Management System" since 2015.

Dr. Louis holds a Postgraduate Marketing Diploma from Chartered Institute of Marketing (UK), Master of Business Administration (University of Portsmouth, UK), and Doctorate of Business Administration (USM).

Dr. Louis is a registered hygiene technician and a competent person in Scheduled Waste Management. He also serves as the President of Persatuan Makmal Akreditasi Malaysia (PMAM) and is a DR. LOUS member of the National Accreditation Council (NAC) and National Negotiating Committee - Plastic Pollution (NCC). Furthermore, he is Chairman of Working Group 2 (Standard and Conformance) of the National Trade Blueprint 2021-2025. Recently, he was appointed as an industrial expert by the University of Science Malaysia (USM), Centre for Global Sustainability Studies (CGSS).

# **ESG SERVICES**







## Powered by

### Danapac Industries (M) Sdn. Bhd.

Engaging with the ISO 14064-1 verification service provided by MY CO2 Certification Sdn Bhd was a valuable experience for our organization. Their thorough verification process and knowledgeable team not only validated our emissions data according to ISO Standard but also provided valuable insights for further improving our environmental practices, aligning with Danapac's commitment to environmental sustainability

Plastic Solution Manufacturer

## Powered by Cizenz

Gizen

#### CLPG Packaging Industries Sdn. Bhd.

The GHG accounting workshop was a wonderful experience, providing us with valuable and insightful information. We received clear guidance on each scope of GHG emissions, particularly during the brainstorming sessions that included relevant industry examples. We greatly appreciate your team's assistance in helping our company identify and account for GHG emissions within our supply chain. We believe this workshop will significantly aid industries in their carbon emission reduction projects and progress towards Net Zero Carbon Emissions!

Plastic Packaging Solution

**))** 

## "

### FYS MARKETING SDN. BHD.

FYS believe MY CO2 (PG) SDN BHD able to assist us measure Greenhouse Gas Emission Report Scope 1, Scope 2 and Scope 3. FYS appreciate Dr. Louis Ooi personally conducted the workshop and trained our staff how to use the Carbon Accounting Apps to measure carbon footprint of FYS quarry.

Quarry and Road Construction



"

"

Lama Tile (Utara) Sdn. Bhd.

MY CO2's professionalism and commitment to serves has given us a high level of confidence in their technical know-how and willingness to provide support in ensuring our team's smooth learning and during certification process.

MY CO2 has proven experiences as a reliable business partner in provide high quality and effective professional certification services; and helped putting our brand building approach at the industry forefront.



Roofing Tiles

Safe Boxes

Powered by GZENZ

### Falcon Safe Marketing Sdn Bhd

The course was designed to be easily understandable and user-friendly, which made the learning process smooth and efficient. One of the standout features of the workshop was the fast and simplified spreadsheet tool provided. The workshop also played a crucial role in raising awareness among our team about the importance of savings the Earth. The workshop ensured that we are up-to-date with compliance and industry trends, which is essential in today's rapidly evolving environmental landscape.



a by

55

#### ACKU Metal Industries (M) Sdn Bhd

The workshop was comprehensive and well-structured, providing in-depth knowledge on Greenhouse Gas Accounting Principles and Practices. The instructors were highly knowledgeable and approachable, making complex topics accessible and engaging. The hands-on exercises and case studies were particularly valuable, allowing us to apply what we learned in practical scenarios.

Manufacturing of Screws, Fasterners and Drawn Wire

## Powered by GZENZ

Powered by

Gzenz

"

((

"

### Menara Kerjaya Fastener Sdn Bhd

This workshop was very insightful and informative. We were very impressed with the information that was presented. This training equipped us on how Greenhouse Gas (GHG) emissions contribute to global warming and climate change, and the importance of ISO 14064-1 standard can effectively help the company quantify and report GHG emissions and removals. The information and acquired skills learned in this workshop will greatly help us to implement effective GHG accounting and reporting within our organisation. I would highly recommend this workshop to companies that is interest in GHG emission reduction and management.

Manufacturing of fasteners, Bolts and Nuts

#### Emico Holdings Berhad

We are pleased to announce that we have successfully completed our company's first sustainability report with Dr. Louis of MY CO2. The course was engaging, informative, and an excellent first step in understanding sustainability and reporting obligations for businesses.

### HPMT INDUSTRIES SDN BHD

We at HPMT Industries Sdn Bhd are thankful for the outstanding ISO 14064-1 Greenhouse Gas Accounting & Reporting training provided by MY CO2 Certification Sdn Bhd. The program's comprehensive approach has equipped our team with the necessary tools to advance our sustainability initiatives. We look forward to continuing our sustainability journey with the knowledge gained.



EMICO

Cutting Tools Manufacturer

Specializing in trophy manufacturing



55

"

56

**XHPMT** 

#### VSP TECHNOLOGY (M) SDN BHD

MY CO2 is a trusted partner in advancing our company's FSG Objectives. We selected them for their strong laboratories expertise, which ensures a science-driven approach to our sustainability efforts. Their thorough guidance and responsive support have been invaluable in addressing our needs. With the introduction of their cutting-edge emissions reporting system, we've found that calculating and managing our CO2 emissions is not only more accurate but also remarkably efficient, simplifying our path to sustainability.

#### Fabricated Metal Products Manufacturer

#### TT Vision Holdings Berhad

We, at TT Vision Holdings Berhad wish to thanks MY CO2 team for the comprehensive ISO 14064-1 Greenhouse Gas (GHG) Accounting & Reporting workshop which was held on 19 and 20 August 2024. We wish to specifically thank Dr Louis Ooi (Dr Louis) who was delivered the GHG and ESG presentation with excellence, insight and clarity. We noted his patience in sharing and explaining the GHG Accounting data collection process & procedures in such detail to our key staff who will be responsible in compiling these data. The workshop has provided our key staff with the necessary skills in their understanding of ESG and GHG data collection & compilation including the reporting requirements. We look forward to this ESG journey with your organization on a long term basis.

Semiconductor & Optoelectronic Inspection Solutions

**>>** 

IIIIII

#### THM Plastic Industries Sdn. Bhd.

The two-day workshop led by Dr. Louis and assisted by Rayner was efficient and insightful. A quick tour of the factory which was the reporting boundary of the GHG verification allowed Dr. Louis to pinpoint the emissions sources and cross verified with us. The professionalism of MY CO2 has enabled us to resolve any discrepancies of the data immediately, allowing us to complete the GHG reporting and ready for verification in just two day's time. Besides, Dr Louis also gave us invaluable suggestions in reducing the GHG emissions from our baseline emission.

Manufacturer of plastic products

uummii.